



SEQUENCE LISTING

<110> Jones, Chris L.
Abrams, Ezra S.
Kieffer-Higgins, Stephen G.
Zhang, Jianming
Sawick, Grzegorz P.
Webb, Michael
McDowell, Christopher S.

<120> Methods of and Apparatus for Separating and Detecting Nucleic Acid

<130> 110163.132US2

<110> US 09/766,880

<141> 1001-01-19

<150> US 60/176,839

<161> 1001-01-19

<160> 10

<170> MastSEQ for Windows Version 4.0

<210> 1

<211> 50

<212> DNA

<213> Staphylococcus epidermis

<400> 1

atgaaatgtcaggtgctgacggaagca gcatgaagtg gatcatcata

50

<210> 2

<211> 26

<212> DNA

<213> Unknown

<220>

<223> staphylococcus

<400> 2

aatatctcagg tccctgacgga agcagc

26

<210> 3

<211> 40

<212> DNA

<213> Staphylococcus aureus

<400> 3

atgaaatgtcaggtgctgacggaagca gcatgaagtg gatcatcata

50

<210> 4

<211> 49

<212> DNA

<213> Unknown

<220>

<223> staphylococcus

<400> 4
 catgaacat gtcaggttct gacggaagca gcattaagtg gatctcata 49

 <210> 5
 <211> 46
 <212> DNA
 <213> Streptococcus pyogenes

 <400> 5
 ctatggcgtg aagtgggtca ggggaggaat ccagcagccc taagcg 46

 <210> 6
 <211> 46
 <212> DNA
 <213> Streptococcus pneumoniae

 <400> 6
 gtatggcgtg aagcgggtca ggggaggaat ccagcagccc taagcg 46

 <210> 7
 <211> 26
 <212> DNA
 <213> Unknown

 <210> 8
 <211> Streptococcus

 <400> 7
 atgactcagg ggaggaatcc agcagc 26

 <210> 8
 <211> 45
 <212> DNA
 <213> Streptococcus equi

 <400> 8
 ctatggcgtg aagtgggtca ggggaggaat ccagcagccc taagcg 46

 <210> 9
 <211> 46
 <212> DNA
 <213> Streptococcus mutans

 <400> 9
 gtatggcgtg aagcgggtca ggggaggaat ccagcagccc taagcg 46

 <210> 10
 <211> 41
 <212> DNA
 <213> Unknown

 <210> 11
 <211> Streptococcus

 <400> 10
 ttgcttgaag ggttcagggg aggaatccag cagcctaagg g 41

 <210> 11
 <211> 64

<212> DNA
 <213> Klebsiella pneumoniae

<400> 11
 ggcaacgata ctatgtttac caggtcaggt ccggaaggaa gcagccacag cagatgaagt 60
 jgt 64

<210> 12
 <211> 64
 <212> DNA
 <213> Unknown

<220>
 <223> styphimur W

<400> 12
 ggaacgata ctatgtttac caggtcaggt ccggaaggaa gcagccacag cagatgaagt 60
 jgt 64

<210> 13
 <211> 64
 <212> DNA
 <213> Escherichia coli

<400> 13
 ggaacgata ctatgtttac caggtcaggt ccggaaggaa gcagccacag cagatgaagt 60
 jgt 64

<210> 14
 <211> 28
 <212> DNA
 <213> Escherichia coli

<400> 14
 caggtcaggt ccggaaggaa agcagc 25

<210> 15
 <211> 64
 <212> DNA
 <213> Pseudomonas aeruginosa

<400> 15
 ggaacgatt acccgtcaac ctggtcaggt ccggaaggaa gcagccacag cgggaacatc 60
 jgt 64

<210> 16
 <211> 64
 <212> DNA
 <213> Bacillus cereus

<400> 16
 ggaacggga cccgtgaacc ttgtcaggtc ccggaaggaa cagcaataag cgttcttttc 60
 jgt 64

<210> 17
 <211> 44
 <212> DNA
 <213> Artificial Sequence

<220>

<223> oligonucleotide probe

<210> 17

agaaagggtt aacgggcagg taaaggga agtagtagg tgg

44

<210> 18

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide probe

<210> 19

aggg agggg aggtatgat

21

<210> 19

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide probe

<210> 19

cttcggtcta ctgcgcacac gg

22

<210> 20

<211> 41

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide probe

<210> 20

tccgggcctt tgcataagtg agtccaggcc ttcttctgtc g

41